DETAILED ACTION

1.   Acknowledgement is made of the amendment received on 3/10/09.

EXAMINER'S AMENDMENT

2.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Lucinda G. Price on 3/19/09.

The application has been amended as follows:

In claims:

(1) Claims 10 -12, 15 and 22 are CANCELLED.

 (2) In claim 16, line 2, insert "generated by a spread spectrum encoder" after - -

an encoded data stream - - ;

(3) In claim 16, line 3, delete "and" after - - Pseudo Noise (PN) codes - - ;

(4) In claim 16, line 9, insert "and" after - - being transmitted - - .

Allowable Subject Matter

3.   Claims 4, 5, 6 and 16-21 are allowed.

4.   The following is an examiner's statement of reasons for allowance: The following

is a statement of reasons for the indication of allowable subject matter: The prior art of

record Raphaeli (US 2004/0202229 A1), Tsubouchi et al (US 6061342) and Van Driest

(US 6115411) do not teach or suggest a slip encoder configured to encode other

multiple different data values into the encoded data stream by varying time spacing

between the spread spectrum codes, wherein the other data values correspond to an

amount of clock periods inserted by the slip encoder between the generation of adjacent

spread spectrum codes so that generation of the entire spread spectrum codes are

completed and then time gaps of varying duration with no spread spectrum codes are

inserted before starting generation of adjacent subsequently transmitted spread

spectrum codes, where an entire total amount of the time gap from an end of

transmission of the entire spread spectrum codes to a beginning transmission of the

next subsequently transmitted adjacent spread spectrum code corresponds to one of

the other multiple different data values that is not spread spectrum encoded and

different durations of the entire total time gap used between different pairs of the

adjacent spread spectrum codes represent different values for the multiple different data

values.

Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

Conclusion

5.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to HELENE TAYONG whose telephone number is (571)270-1675. The examiner can normally be reached on Monday-Friday 8:00 am to 5:30 pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Liu Shuwang can be reached on 571-272-3036. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Helene Tayong/
Examiner, Art Unit 2611

3/19/09

/Shuwang Liu/

Supervisory Patent Examiner, Art Unit 2611